

APRIL/MAY 2023

**CCA51/CCS51/CSC51 — MOBILE
APPLICATIONS DEVELOPMENT**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.



1. Define. Android
2. Define. ART
3. What is the language used for Android UI design?
4. What are intent filters?
5. Which library is used for persistent data storage in Android?
6. How do I manage files on Android?
7. What are types of services in Android?
8. How do I connect to REST API?
9. Define .API
10. What is Motion sensors?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What is android? Explain their versions and applications?

Or

- (b) Explain the procedure steps of Installing Android SDK Tools.

12. (a) Define about how you understanding Activities.

Or

- (b) Discuss about Intents.

13. (a) Briefly discuss about content providers.

Or

- (b) Explain about persisting data to files.

14. (a) Explain Android Thread Rules.

Or

- (b) Explain AsyncTask parameters with example?

15. (a) Describe how to Monitor the performance of running app.

Or

- (b) Explain the various ways to maximize the app performance.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain about AUB with an example.

17. Explain about Picker views.

18. Differentiate between the two file storage areas.

19. Explain system broadcast.

20. Explain Environmental sensors.